International application No.
PCT/FI 03/00304

| A. CLASSIFICATION OF SUBJECT MATTER | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|
| IPC7: F02M 25/028, B05B 12/14 According to International Patent Classification (IPC) or to both national classification and IPC | | | | | | | | | |
| B. FIELDS SEARCHED | | | | | | | | | |
| Minimum documentation searched (classification system followed | by classification symbols) | | | | | | | | |
| IPC7: F02M, B05B | | | | | | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE,DK,FI,NO classes as above | | | | | | | | | |
| | | | | | | | | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | | | | | | | | |
| EPO-INTERNAL: | | | | | | | | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | | | | | | | | |
| Category* Citation of document, with indication, where ap | oppropriate, of the relevant passages Relevant to claim No. | | | | | | | | |
| | US 1491376 A (M.C.L. BOCHET), 22 April 1924 (22.04.24), page 1, line 51 - line 77, figure 1 | | | | | | | | |
| | | | | | | | | | |
| A EP 0396223 A2 (BEHR INDUSTRIAL 7 November 1990 (07.11.90), | EP 0396223 A2 (BEHR INDUSTRIAL EQUIPMENT INC.), 7 November 1990 (07.11.90), abstract | | | | | | | | |
| | | | | | | | | | |
| A US 4302481 A (P. RIBNITZ ET AL) (24.11.81), abstract | US 4302481 A (P. RIBNITZ ET AL), 24 November 1981 (24.11.81), abstract | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Further documents are listed in the continuation of Box C. See patent family annex. | | | | | | | | | |
| Special categories of cited documents: "A" document defining the general state of the art which is not considered | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand | | | | | | | | |
| "E" earlier application or patent but published on or after the international filing date | no date | | | | | | | | |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | document which may throw doubts on priority claim(s) or which is step when the document is taken alone cited to establish the publication date of another citation or other | | | | | | | | |
| "O" document referring to an oral disclosure, use, exhibition or other means | considered to involve an inventive step when the document is combined with one or more other such documents, such combination | | | | | | | | |
| "P" document published prior to the international filing date but later than the priority date claimed | being obvious to a person skilled in the art "&" document member of the same patent family | | | | | | | | |
| Date of the actual completion of the international search | Date of mailing of the international search report | | | | | | | | |
| 9 1.1 2002 | 0 9 -07- 2003 | | | | | | | | |
| 8 July 2003 Name and mailing address of the ISA/ | Authorized officer | | | | | | | | |
| Swedish Patent Office | | | | | | | | | |
| Box 5055, S-102 42 STOCKHOLM | Dan Ionesco / MRo | | | | | | | | |
| Facsimile No. +46 8 666 02 86 | Telephone No. + 46 8 782 25 00 | | | | | | | | |

Form PCT/ISA/210 (second sheet) (July 1998)



International application No.

29/06/03 PCT/FT 03/00304

| Date | nt document | | Publication | | /06/03 | | 03/00304 |
|--|-------------|----|---------------------|----------|---------------------------|---------------------|----------------------|
| Patent document cited in search report | | | Publication date | <u> </u> | atent family member(s) | Publication date | |
| US | 1491376 | A | 22/04/24 | NONE | | | |
| EP | 0396223 | A2 | 07/11/90 | AU | 6129 | 26 B | 18/07/91 |
| | | | | AU | 51360 | 90 A | 01/11/90 |
| | | | | CA | | 56 A,C | 01/11/90 |
| | | | | JP | 20189 | 83 C | 19/02/96 |
| | | | | JP | 23035 | | 17/12/90 |
| | | | | JP | 70573 | 33 B | 21/06/95 |
| US | 4302481 | Α | 24/11/81 | BR | 79073 | | 05/08/80 |
| | | | | CH | 6434 | | 15/06/84 |
| | | | | DE | | 61 A,C | 22/05/80 |
| | | | | ES | 4859 | | 16/05/80 |
| | | | | FR | | 35 A,B | 13/06/80 |
| | | | | GB | 20376 | 21 A,B | 16/07/80 |
| | | | | JР | 13650 | | 26/02/87 |
| | | | | JP | 551094 | | 22/08/80 |
| | | | | JP | 610320 | | 24/07/86 |
| | | | | CH | 6437 | | 29/06/84 |
| | | | | DE ES | 4874 | 21 A,C | 05/02/81 16/06/80 |
| | | | | | | | 10/00/00 |
| | | , | | | | | |
| | | | | | \ | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| • | | | | | | | |
| | | | | | | | |
| | | | • | | | | |
| | | | | | | | |

Form PCT/ISA/210 (patent family annex) (July 1998)